

LISTING OF CLAIMS:

1. (Previously Amended) A layer arrangement comprising:
a plurality of material layers, wherein at least one of the material layers is transparent to an observer facing the at least one material layer; and
an interface surface formed between at least two of the material layers, wherein at least a portion of the surface includes a diffractive optical structure exhibiting a magnification altering effect to the observer, wherein the diffractive optical structure includes a grating structure, which is varied continuously to form a binary structure, wherein a depth of the grating structure is less than 10 μm .
2. (Previously Amended) A layer arrangement as defined in claim 1, wherein the layers adjacent the interface surface are transparent and exhibit a different refraction index.
3. (Previously Amended) A layer arrangement as defined in claim 1, wherein the interface surface is provided, at least in certain regions, with a reflectivity-enhancing layer.
4. (Previously Amended) A layer arrangement as defined in claim 3, wherein the reflectivity-enhancing layer is a metal layer.
5. (Previously Amended) A layer arrangement as defined in claim 1, wherein a number of diffractive optical structures are distributed over the interface surface.
6. (Previously Amended) A layer arrangement as defined in claim 5, wherein said diffractive optical structures are arranged grid-wise.
7. (**Currently Amended**) A layer arrangement as defined in claim 1, wherein the diffractive optical structure is ~~structures are~~ substantially circular and ~~have~~ has concentric grid lines.

8. **(Currently Amended)** A layer arrangement as defined in claim 1, wherein the diffractive optical ~~structure has structures~~ have a diameter ranging from 0.15 to 300 mm, preferably from 3 to 50 mm.

9. **(Previously Amended)** A layer arrangement as defined in claim 1, wherein the grating depth is less than 5 μm .

10. **(Previously Amended)** A layer arrangement as defined in claim 1, wherein the binary structure has approximately the same depth over the entire area of the diffractive optical structure.

11. **(Previously Amended)** A layer arrangement as defined in claim 1, wherein the at least one transparent layer is colored without the use of pigments.

12. **(Currently Amended)** A layer arrangement comprising:

a plurality of material layers, wherein at least one of the material layers is transparent to an observer facing the at least one material layer; and

an interface surface formed between at least two of the material layers, wherein at least a portion of the surface includes a diffractive optical structure exhibiting a magnification altering effect to the observer, wherein the diffractive optical structure includes a grating structure, which is varied continuously to form a plurality of grating grooves formed by opposed first and second walls, wherein the first walls run parallel to each other and approximately perpendicular to a principle plane of the interface surface, and wherein an angle of the second walls relative to a perpendicular to the principle plane varies substantially continuously over the surface, wherein a depth of the grating structure is less than 10 μm , and wherein the interface surface is provided, at least in certain regions, with a ~~reflectivity-enhanced~~ reflectivity-enhancing layer.

13. **(Currently Amended)** A layer arrangement comprising:

a plurality of material layers, wherein at least one of the material layers is transparent to an observer facing the at least one material layer; and

an interface surface formed between at least two of the material layers, wherein at least a portion of the surface includes a diffractive optical structure exhibiting a magnification altering effect to the observer, wherein the diffractive optical structure includes a grating structure, which is varied continuously to form at least one of a first and second structure, the first structure including a binary structure, the second structure including a plurality of grating grooves formed by opposed first and second walls, wherein the first walls run parallel to each other and approximately perpendicular to a principle plane of the interface surface, and wherein an angle of the second walls relative to a perpendicular to the principle plane varies substantially continuously over the surface, wherein a depth of the grating structure is less than 10 μm , and further wherein the interface surface which includes the second structure is provided, at least in certain regions, with a ~~reflectivity-enhanced~~ reflectivity-enhancing layer.

14. **(New)** A layer arrangement as defined in claim 12, wherein the layers adjacent the interface surface are transparent and exhibit a different refraction index.
15. **(New)** A layer arrangement as defined in claim 12, wherein the reflectivity-enhancing layer is a metal layer.
16. **(New)** A layer arrangement as defined in claim 12, wherein a number of diffractive optical structures are distributed over the interface surface.
17. **(New)** A layer arrangement as defined in claim 16, wherein said diffractive optical structures are arranged grid-wise.
18. **(New)** A layer arrangement as defined in claim 12, wherein the diffractive optical structure is substantially circular and has concentric grid lines.
19. **(New)** A layer arrangement as defined in claim 12, wherein the diffractive optical structure has a diameter ranging from 0.15 to 300 mm, preferably from 3 to 50 mm.

20. **(New)** A layer arrangement as defined in claim 12, wherein the grating depth is less than 5 μm .
21. **(New)** A layer arrangement as defined in claim 12, wherein the at least one transparent layer is colored without the use of pigments.
22. **(New)** A layer arrangement as defined in claim 13, wherein the layers adjacent the interface surface are transparent and exhibit a different refraction index.
23. **(New)** A layer arrangement as defined in claim 13, wherein the reflectivity-enhancing layer is a metal layer.
24. **(New)** A layer arrangement as defined in claim 13, wherein a number of diffractive optical structures are distributed over the interface surface.
25. **(New)** A layer arrangement as defined in claim 24, wherein said diffractive optical structures are arranged grid-wise.
26. **(New)** A layer arrangement as defined in claim 13, wherein the diffractive optical structure is substantially circular and has concentric grid lines.
27. **(New)** A layer arrangement as defined in claim 13, wherein the diffractive optical structure has a diameter ranging from 0.15 to 300 mm, preferably from 3 to 50 mm.
28. **(New)** A layer arrangement as defined in claim 13, wherein the grating depth is less than 5 μm .
29. **(New)** A layer arrangement as defined in claim 13, wherein the at least one transparent layer is colored without the use of pigments.